



TROPICAL CYCLONE BULLETIN NO. 5

Tropical Depression ROSAL

Issued at 11:00 AM, 11 December 2022

Valid for broadcast until the next bulletin at 5:00 PM today

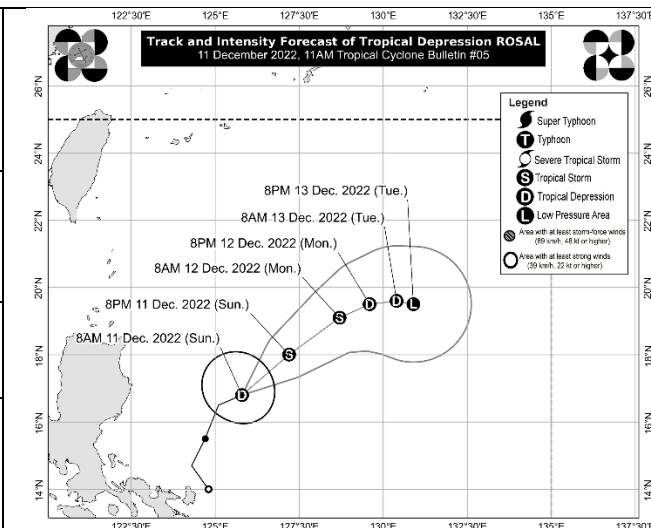
“ROSAL” SLIGHTLY INTENSIFIES WHILE MOVING EAST NORTHEASTWARD

Location of Center (10:00 AM):
 The center of Tropical Depression ROSAL was estimated based on all available data at **420 km East of Casiguran, Aurora** or **455 km East of Tuguegarao City, Cagayan (17.0°N, 126.0°E)**

Intensity:
 Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **1002 hPa**

Present Movement:
East northeastward at 15 km/h

Extent of Tropical Cyclone Winds:
Strong winds extend outwards up to **150 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 11 December 2022	18.0	127.2	580 km East of Tuguegarao City, Cagayan	65	TS	NE 15
24-Hour Forecast 8:00 AM 12 December 2022	19.1	128.7	760 km East of Calayan, Cagayan	65	TS	NE 15
36-Hour Forecast 8:00 PM 12 December 2022	19.5	129.6	855 km East of Extreme Northern Luzon	55	TD	ENE 10
48-Hour Forecast 8:00 AM 13 December 2022	19.6	130.4	940 km East of Extreme Northern Luzon	45	TD	E Slowly
60-Hour Forecast 8:00 PM 13 December 2022	19.5	130.9	990 km East of Extreme Northern Luzon	-	LOW	ESE Slowly

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Tropical Cyclone Wind Signals hoisted at this time.

Prepared by: **SMRR**

Checked by: **SFD**



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- *Today:* Rainshowers and thunderstorms may prevail over CALABARZON, the northern portion of Palawan including Calamian Islands, Oriental Mindoro, Occidental Mindoro, and Marinduque.
- Under these conditions, **flooding and rain-induced landslides are still possible in some areas**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.

Severe Winds

In the next 24 hours, the surge of the Northeast Monsoon partly enhanced by this tropical depression may bring occasional gusts reaching gale-force over Batanes and Babuyan Islands, and strong breeze to near-gale strength over the Ilocos Norte, the northern and eastern portions of Cagayan, the eastern portion of Isabela, Calaguas Islands, and the extreme northern portion of Catanduanes.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of the Northeast Monsoon partly enhanced by ROSAL, a **marine gale warning** is in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #24 issued at 5:00 AM today.
- In the next 24 hours, the combined effects of the surge of the Northeast Monsoon and the tropical cyclone may also bring **moderate to rough seas** (1.5 to 3.5 m) over the seaboard of Central Luzon and the eastern and western seaboard of Southern Luzon. These conditions may be **risky for those using small seacrafts**. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

Tropical Depression ROSAL is forecast to move generally northeastward or east northeastward today through Tuesday morning before turning east southeastward. In the near term, ROSAL may still intensify into a low-end tropical storm within 24 hours. However, increasingly unfavorable conditions associated within the monsoon surge by late Monday will result in a weakening trend. ROSAL may become a post-tropical low embedded along the leading edge of the monsoon surge by late Tuesday or Wednesday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

Prepared by: **SMRR**

Checked by: **SFD**